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(54) Title: **FINGERPRINT AUTHENTICATION METHOD INVOLVING MOVEMENT OF CONTROL POINTS**

(57) Abstract: A fingerprint system (80) implements a fingerprint authentication method (20) for a user fingerprint image (UFI) based on a plurality of control fingerprint images (CFI). The method involves (S24) a detection of at least one control point within a user fingerprint image (UFI) and at least one control point within each control fingerprint image (CFI), (S26) a superimposing of the user fingerprint image (UFI) with each control fingerprint image (CFI) as a function of a movement of one or more control points within at least one the user fingerprint image and one or more control fingerprint images, and (S28) an authentication of the control fingerprint image (CFI) having the shortest superimposition distance with the user fingerprint image (UFI) as an identified fingerprint image (IFI).

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